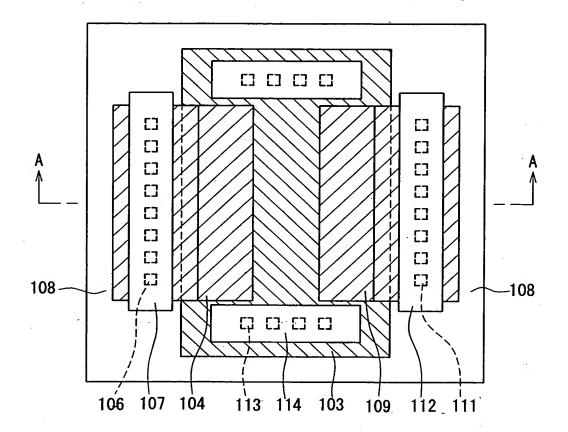
Inventor: Hiraoka, et al.
Docket No.: 10873.1342US01
Title: VARIABLE CAPACITOR ELEMENT AND INTEGRATED CIRCUIT HAVING VARIABLE CAPACITOR ELEMENT
Attorney Name: Douglas P. Mueller
Phone No.: (612) 371-5237
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FI.G. 1A...

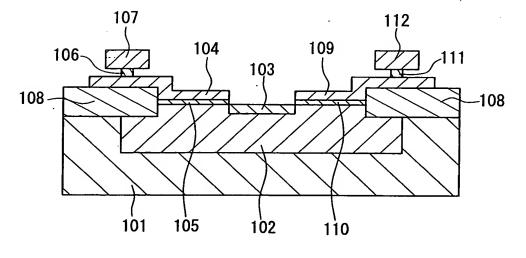


FIG. 1B

Inventor: Hiraoka, et al.

Docket No.: 10873.1342US01

Title: VARIABLE CAPACITOR ELEMENT AND INTEGRATED CIRCUIT HAVING VARIABLE CAPACITOR ELEMENT

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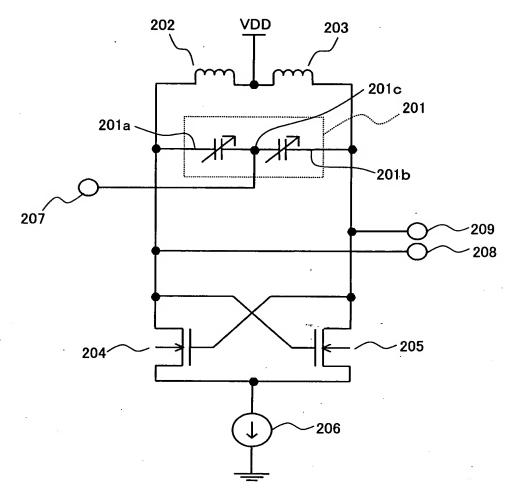
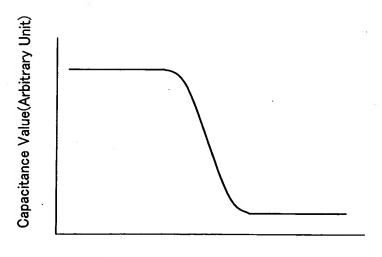


FIG.2B



Control Voltage (Arbitrary Unit)

Inventor: Hiraoka, et al.
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VARIABLE CAPACITOR ELEMENT
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Phone No.: (612) 371-5237
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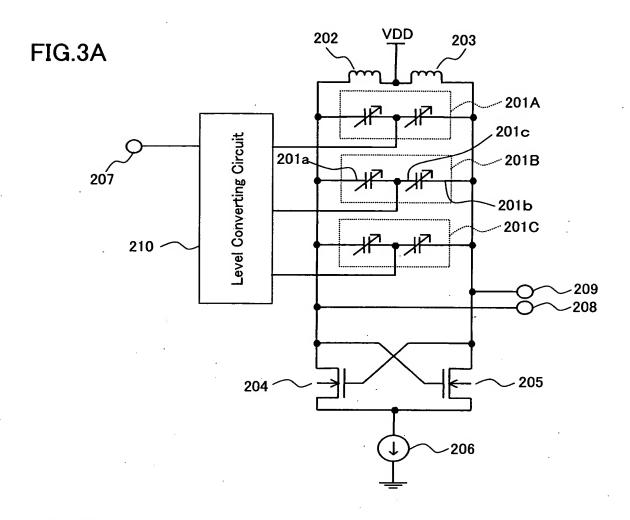
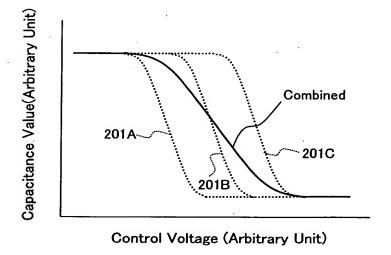


FIG.3B



Inventor: Hiraoka, et al.
Docket No.: 10873.1342US01
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VARIABLE CAPACITOR ELEMENT
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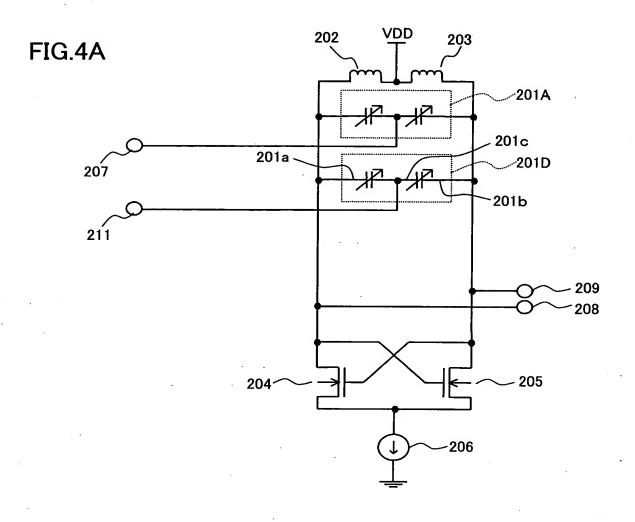
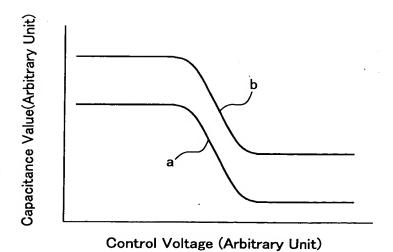


FIG.4B



Inventor: Hiraoka, et al.
Docket No.: 10873.1342US01
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FIG.5A

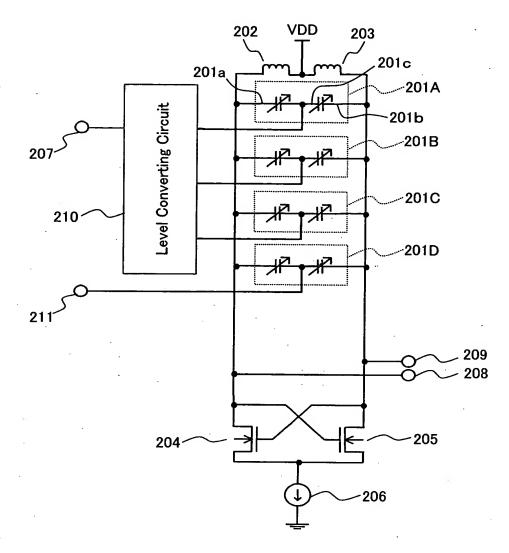
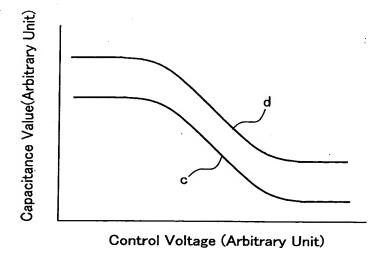


FIG.5B



Inventor: Hiraoka, et al.
Docket No.: 10873.1342US01
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VARIABLE CAPACITOR ELEMENT
Attorney Name: Douglas P. Mueller
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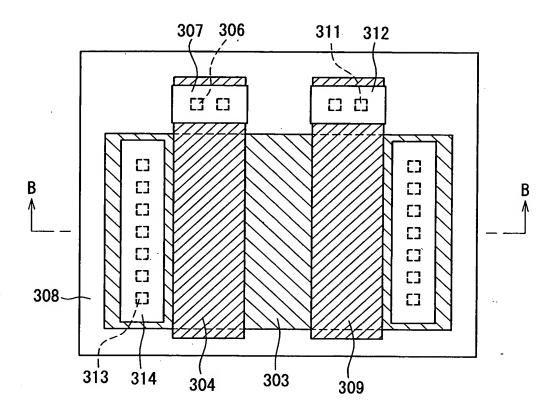


FIG. 6A PRIOR ART

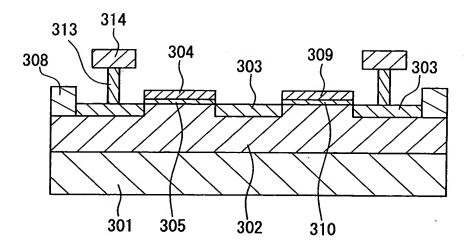


FIG. 6B PRIOR ART